

## **ABSTRACT**

A vaccine and method to prevent or to retard the growth and replication of cancer cells that express a carbohydrate wherein the vaccine comprises: (a) a pharmaceutically effective  
5 amount of a carbohydrate antigen found on said cancer cells, or a mimetic thereof; and (b) a pharmaceutically acceptable carrier. The carbohydrate antigen can be Tn or sialyl-Tn.